

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Group Art Unit: 1617

Alexander V. Kabanov et al.

Examiner: Edward Webman

Application No. 09/445,656

Filed: July 17, 2000

For: Compositions for Delivery of
Biological Agents and Methods for
the Preparation Thereof

Suite 2400
1601 Market Street
Philadelphia, PA 19103
(215) 563-4100 (telephone)
(215) 563-4044 (facsimile)
Our File No. 0685-UNMC-63117A-US

Certificate of Mailing Under 37 C.F.R. §1.8(a):

I hereby certify that this correspondence is being deposited on December 20, 2005 with the United States Postal Service as first-class mail in an envelope properly addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Caren Burgoon

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Submission of Terminal Disclaimer

On or about September 16, 2005, in a telephone interview initiated by Examiner Edward Webman, the undersigned was informed that, as a condition of patentability, a Terminal Disclaimer would have to be filed in this application, with reference to applicants' co-pending U.S. Patent Application No. 09/445,653.

The required Terminal Disclaimer is submitted herewith. The Terminal Disclaimer is executed in counterparts signed by each of the respective assignees of the applicants named in the above-identified patent application.

The delay involved in submitting this Terminal Disclaimer is regretted. The delay was occasioned by the fact that each of the three (3) applicants in this case assigned his respective rights in the invention to a separate assignee. Of the three (3) assignees, one is located in the United States, one in Russia and one in Canada. Because of the number of parties involved and the distance over which correspondence with them had to travel, the time required to forward, execute and return the required Terminal Disclaimer and accompanying Statement Under 37 C.F.R. §3.73(b) was longer than would ordinarily be expected.

In the event any fee, other than the enclosed fee for filing the Terminal Disclaimer, is required in connection with this submission, please charge such fee to Deposit Account No. 04-1406 of the undersigned attorneys.

Respectfully submitted,

DANN, DORFMAN, HERRELL & SKILLMAN
A Professional Corporation
Attorneys for Applicant(s)

By Patrick J. Hagan
Patrick J. Hagan
PTO Registration No. 27,643

Telephone: (215) 563-4100
Facsimile: (215) 563-4044



17-6p167 ✓

FEE TRANSMITTAL

Application Number: 09/445,656

Filing Date: July 17, 2000

First Named Inventor: Alexander V. Kabanov, et al.

Title: Compositions for Delivery of Biological Agents and Methods for the Preparation Thereof

Total Amt of Payment (1) + (2) + (3) = \$65

Attorney Docket Number: UNMC63117A-US

METHOD OF PAYMENT (check one)

☒ Authorization is hereby granted to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 04-1406.

☒ Any filing fees under 37 C.F.R. §1.16 for the presentation of extra claims.

☒ Any patent application processing fees under 37 C.F.R. §1.17

Any extensions of time that are required to maintain this application in a pending status, if not included herewith, are hereby requested. Authorization is hereby granted to charge such extension fees to Deposit Account No. 04-1406. Two copies of this transmittal are enclosed for accounting purposes.

☒ Payment enclosed: \$ 65.00

FEE CALCULATION

1. BASIC FILING, SEARCH AND EXAM. FEES

	Filing	Search	Exam	Fee
Utility				0
Design				
Plant				
Reissue				
SUBTOTAL (1)				\$0

2. CLAIMS FEES

# of Claims - Paid	Extra Claims	Fee/Claim	Fee
Total Claims - 20 = (a)	0	25	\$0
Indep Claims - 3 = (b)	0	100	\$0
Multiple Dependent Claim Fee			
(a) Enter 20 or number previously paid for			
(b) Enter 3 or number previously paid for			
SUBTOTAL (2)			\$0

3. ADDITIONAL FEES

Fee Description	Fee Paid
Surcharge-late filing fee or oath	
Application Size Fee	
For filing a request for reexamination	
Extension for response within one month	
Extension for response within second month	
Extension for response within third month	
Extension for response within fourth month	
Notice of Appeal	
Filing a brief in support of an appeal	
Request for oral hearing	
Petition to revive unintentionally abandoned application	
Issue Fee	
Advance Orders	
Publication Fee	
Petitions to the Commissioner	
Petitions related to provisional applications	
Submission of Information Disclosure Stmt.	
Recording each patent assignment per property	
Other fee (specify) <u>Terminal Disclaimer</u>	\$65

SUBTOTAL (3) \$65

Submitted By: Patrick J. Hagan Reg. Number 27,643

Signature Patrick J. Hagan Date December 20, 2005 Deposit Account User ID 04-1406



THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Alexander V. Kabanov, et al.
Serial No. : 09/445,656
Filing Date : July 17, 2000
Examiner : Edward J. Webman
Group Art Unit : 1617
Entitled : COMPOSITIONS FOR DELIVERY OF
BIOLOGICAL AGENTS AND METHODS
FOR THE PREPARATION THEREOF

1601 Market Street, Suite 2400
Philadelphia, PA 19103
(215) 563-4100 (telephone)
(215) 563-4044 (facsimile)
Our File No. UNMC63117A-US

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I hereby certify that this Correspondence is being deposited on December 20, 2005 with the United States Postal Service as first-class mail in an envelope properly addressed to Mail Stop: AMENDMENT, COMMISSIONER FOR PATENTS, P.O. Box 1450, Alexandria, VA 22313-1450.

Caren Burgoon
Caren Burgoon

**TERMINAL DISCLAIMER RESPONSIVE TO
OBVIOUSNESS-TYPE DOUBLE PATENTING REJECTION**

The entire right, title and interest in and to the above-identified patent application (hereinafter "the '656 application"), is jointly owned by The University of Nebraska Board of Regents, Moscow State University, and McGill University, (hereinafter "Assignees") by virtue of assignment from Victor A. Kabanov, Alexander V. Kabanov and Adi Eisenberg, respectively, who are named as applicants in the '656 application.

The assignment in the '656 application was recorded on June 4, 2001 at Reel 011859 and Frame 0263.

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65.00 dp

Also attached hereto is a Certificate Under 37 C.F.R. §3.73(b) establishing the right of the Assignees to take the present action in this case.

Assignees hereby disclaim, except as provided below, the terminal part of the statutory term of any patent granted on the '656 application which would extend beyond the expiration date of the full statutory term, as defined in 35 U.S.C. §§ 154 to 156 and 173, as presently shortened by any terminal disclaimer, of co-pending U.S. Patent Application No. 09/445,653, filed July 17, 2000, of which the Assignees are also joint owners of the entire right, title and interest.

Assignees hereby agree that any patent so granted on the '656 application shall be enforceable only for and during such period that the legal title to such patent shall be the same as the legal title to any patent granted on U.S. Patent Application No. 09/445,653, this agreement to run with any patent granted on the '656 application and to be binding upon the grantee, its successors or assigns.

In making the foregoing disclaimer, Assignees do not disclaim the terminal part of any patent granted on the '656 application that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. §§ 154 to 156 and 173 of any patent granted on U.S. Patent Application No. 09/445,653, as presently shortened by any terminal disclaimer, in the event that any patent granted on U.S. Patent Application No. 09/445,653 expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 C.F.R. §1.321, has all claims cancelled by a reexamination certificate, is reissued or is in any manner terminated prior to expiration of its full statutory term as presently or subsequently shortened by any terminal disclaimer, as the case may be, except for the separation of legal title stated above.

Attached is a check in the amount of \$65.00 in payment of the fee required in 37 C.F.R. §1.321(a)(4). The U.S. Patent and

Trademark Office acknowledged receipt of the Notification of Small Entity Status in the Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US), Form PCT/DO/EO/905, mailed February 16, 2000. In the event the amount of the fee submission is incorrect, the Commission is authorized to charge or credit the account of the undersigned attorneys, Deposit Account No. 04-1406. A duplicate copy of this paper is enclosed to facilitate such charging or crediting.

The University of Nebraska Board
of Regents

Date:

NAME: Michael Dixon, Ph.D.
TITLE: Interim Director,
University of Nebraska Medical
Center Intellectual Property
Office

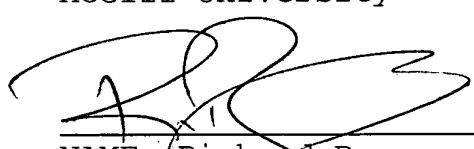
Moscow State University

Date: November 11, 2005

NAME: Valerii Vasilievich Lunin
TITLE: Professor and Dean

McGill University

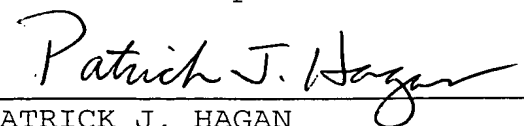
Date:


NAME: Richard Bruno
TITLE: Director, McGill Office of
Technology Transfer

Respectfully submitted,

DANN, DORFMAN, HERRELL AND SKILLMAN
A Professional Corporation

By


PATRICK J. HAGAN
PTO Registration No. 27,643



STATEMENT UNDER 37 C.F.R. §3.73(b)

The University of Nebraska Board of Regents, a university, states that it is assignee of an undivided, fractional interest in U.S. Patent Application No. 09/445,656, filed July 17, 2000 entitled, "Compositions for Delivery of Biological Agents and Methods for the Preparation Thereof," by virtue of an assignment from Alexander V. Kabanov, who is designated a co-applicant in the patent application identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 011859 and Frame 0263. A copy of the recorded assignment is attached herewith.

The undersigned (whose title is supplied below) is authorized to act on behalf of the Assignee, The University of Nebraska Board of Regents.

Signature

Date

Michael Dixon, Ph.D.
Printed or Typed Name

(402) 559-2170
Telephone Number

Interim Director, University of Nebraska Medical Center
Intellectual Property Office
Title

Address: The University of Nebraska Board of Regents
Intellectual Property Office
986099 Nebraska Medical Center
Omaha, Nebraska 68198-6099
United States



STATEMENT UNDER 37 C.F.R. §3.73(b)

Moscow State University, a university, states that it is assignee of an undivided, fractional interest in U.S. Patent Application No. 09/445,656, filed July 17, 2000 entitled, "Compositions for Delivery of Biological Agents and Methods for the Preparation Thereof," by virtue of an assignment from Victor A. Kabanov, who is designated a co-applicant in the patent application identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 011859 and Frame 0263. A copy of the recorded assignment is attached herewith.

The undersigned (whose title is supplied below) is authorized to act on behalf of the Assignee, Moscow State University.

Signature

Date

Valerii Vasilievich Lunin
Printed or Typed Name

Telephone Number

Professor and Dean
Title

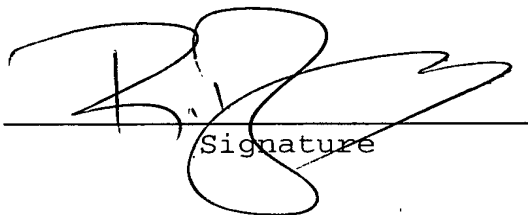
Address: Moscow State University
School of Chemistry
MV Lomonosov
Leninsky Hills, Moscow, Russia, 119899
Russia



STATEMENT UNDER 37 C.F.R. §3.73(b)

McGill University, a university, states that it is assignee of an undivided, fractional interest in U.S. Patent Application No. 09/445,656, filed July 17, 2000 entitled, "Compositions for Delivery of Biological Agents and Methods for the Preparation Thereof," by virtue of an assignment from Adi Eisenberg, who is designated a co-applicant in the patent application identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 011859 and Frame 0263. A copy of the recorded assignment is attached herewith.

The undersigned (whose title is supplied below) is authorized to act on behalf of the Assignee, McGill University.


Signature

Richard Bruno
Printed or Typed Name

NOVEMBER 11, 2005
Date

514 398-1775
Telephone Number

Director, McGill Office of Technology Transfer
Title

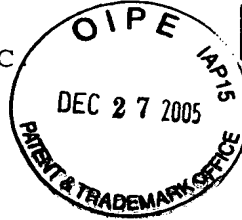
Address: McGill University
c/o Office of Technology Transfer
1555 Peel Street, 11th Floor
Montreal, Quebec H3A-3L8
Canada



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

AUGUST 16, 2001

PTAS
DANN DORFMAN HERRELL & SKILLMAN, P.C.
PATRICK J. HAGAN
1601 MARKET STREET, SUITE 720
PHILADELPHIA, PA 19103



101742168A



UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/04/2001

REEL/FRAME: 011859/0263
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
KABANOV, VICTOR A.

DOC DATE: 07/03/2000

ASSIGNOR:
KABANOV, ALEXANDER V.

DOC DATE: 02/08/2001

ASSIGNOR:
EISENBERG, ADI

DOC DATE: 03/23/2000

ASSIGNEE:
MOSCOW STATE UNIVERSITY, THE
DEPARTMENT OF POLYMER SCIENCE,
SCHOOL OF CHEMISTRY
MV LOMONOSOV LENISKIEGORY V-234
MOSCOW, RUSSIAN FEDERATIO

ASSIGNEE:
UNIVERSITY OF NEBRASKA BOARD OF
REGENTS, THE
3835 HOLDREGE STREET
LINCOLN, NEBRASKA 68598

011859/0263 PAGE 2

ASSIGNEE:

MCGILL UNIVERSITY
3550 UNIVERSITY STREET
MONTREAL, QUEBEC H3A-2A7, CANADA

SERIAL NUMBER: 09445656
PATENT NUMBER:

FILING DATE: 07/17/2000
ISSUE DATE:

PEARLENE FOSTER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

06-08-2001


To The Honorable Commissioner of
copy thereof.

101742168

the attached original documents or

1. Name of conveying party(ies):

Victor A. Kabanov
Alexander V. Kabanov
Adi Eisenberg

Additional name(s) of conveying party(ies)
attached? () YES (X) NO

3. Nature of Conveyance:

(X) Assignment () Merger
() Security Agreement () Change of Name
() Other:

Execution Date: July 3, 2000, February 8, 2001 and
March 23, 2000, respectively

2. Name and address of receiving party(ies):

The Moscow State University
Department of Polymer Science, School of Chemistry
21 V Lomonosov Leniskiegory V-234
Moscow, Russian Federation

The University of Nebraska Board of Regents
3835 Holdrege Street
Lincoln, Nebraska 68598

McGill University
3550 University Street
Montreal, Quebec H3A-2A7
Canada

Additional name(s) & address attached? () YES (X) NO

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/445,656

B. Patent No.(s)

Additional numbers attached? () YES (X) NO

5. Name and address of party to whom
correspondence concerning documents should be
mailed:

Patrick J. Hagan, Esq.
Dann Dorfman Herrell & Skillman, P.C.
1601 Market Street, Suite 720
Philadelphia, PA 19103

Telephone: (215) 563-4100
Facsimile: (215) 563-4044

Our File No. 0685-UNMC-63117AUS

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. §3.41): \$40.00

(X) Enclosed
() Authorized to be charged to deposit account

8. In the event the check enclosed is improper, or the fee
calculation is in error, the Commissioner is authorized to
charge any underpayment or credit any overpayment to
the account of the undersigned attorneys. A duplicate
copy of this sheet is enclosed.

Deposit Account Number: 04-1406

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true
copy of the original document.

Patrick J. Hagan, Reg. No. 27,643
Name of Person Signing/Reg. No.

Patrick J. Hagan
Signature

May 31, 2001
Date

Total number of pages including cover sheet, attachments, and document: 5

Mail documents to be recorded with required cover sheet information to:

Box Assignment
Assistant Commissioner for Patents
Washington, D.C. 20231

3 JUL 2000 12:21

EUROTEL VICTORIA L.D

NO408

P.3/7

JUN 20 2000 3:19PM

UNMC INTL PROPERTY

NO.207

P.7

ASSIGNMENT

WHEREAS, Victor A. KABANOV, hereinafter referred to as ASSIGNOR, is a named co-inventor of an invention entitled, **COMPOSITIONS FOR DELIVERY OF BIOLOGICAL AGENTS AND METHODS FOR THE PREPARATION THEREOF**, described and claimed in U.S. Application No. 09/445,656 for Letters Patent of the United States signed by ASSIGNOR and dated the _____ day of _____, 2000.

WHEREAS, The Moscow State University, an institution organized and existing under and by virtue of the laws of the Russian Federation, having a place of business at Dept. of Polymer Science, School of Chemistry, MV Lomonosov Leninskigory V-214, Moscow, Russian Federation, hereinafter referred to as ASSIGNEE, is desirous of acquiring all of ASSIGNOR'S rights in and to said invention and any and all applications for Letters Patent for said invention and any and all Letters Patent of the United States and all foreign countries which may be issued therefor;

NOW THEREFORE THIS IS TO WITNESS that in consideration of the sum of One Dollar (\$1.00) paid to ASSIGNOR by ASSIGNEE, the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR has sold, assigned and set over and hereby does sell, assign and set over, unto ASSIGNEE, its successors and assigns, for the territory of the United States of America and for all foreign countries, all of ASSIGNOR'S right, title and interest in and to the aforesaid invention, as well as any improvement thereof, and in and to any and all applications for letters patents which have been, or hereafter may be, filed on said invention or any said improvement, including any and all divisional, renewal, substitute, continuation and continuation-in-part application, together with the right to claim priority accruing from said applications, and in and to all Letters Patent which may be granted on any said application(s) for said invention or any said improvement, all extension(s), reissue(s) and reexamination(s) thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

And ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States to ASSIGNEE, its successors and assigns, as the owner of all of ASSIGNOR'S right, title and interest therein.

And for said consideration, it is hereby covenanted and agreed that at the request and expense of ASSIGNEE, its successors and assigns, ASSIGNOR will execute any further papers and do such other acts and things as may be necessary and proper to permit ASSIGNEE, its successors and assigns, to procure Letters Patent for said invention in the United States and in such foreign countries as ASSIGNEE, its successors and assigns may elect, and vest the full title thereto in ASSIGNEE, its successors and assigns.

IN WITNESS WHEREOF, this assignment has been executed on the day and month indicated below.
Signature

July 3, 2000

Date

V. Kabanov
VICTOR A. KABANOVWitnessed By Dr. Valentina B. ROZACHEVA:PaulJuly 3, 2000 Les Diablerets, Switzerland

ASSIGNMENT

WHEREAS, Alexander V. KABANOV, hereinafter referred to as ASSIGNOR, is a named co-inventor of an invention entitled: **COMPOSITIONS FOR DELIVERY OF BIOLOGICAL AGENTS AND METHODS FOR THE PREPARATION THEREOF**, described and claimed in U.S. Application No. 09/445,656 for Letters Patent of the United States signed by ASSIGNOR and dated the _____ day of _____ 2000.

WHEREAS, The University of Nebraska Board of Regents, an institution organized and existing under and by virtue of the laws of the State of Quebec, having a place of business at 3835 Holdrege Street, Lincoln, Nebraska 68598, hereinafter referred to as ASSIGNEE, is desirous of acquiring all of ASSIGNOR'S rights in and to said invention and any and all applications for Letters Patent for said invention and any and all letters Patent of the United States and all foreign countries which may be issued therefor;

NOW THEREFORE THIS IS TO WITNESS that in consideration of the sum of One Dollar (\$1.00) paid to ASSIGNOR by ASSIGNEE, the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR has sold, assigned and set over and hereby does sell, assign and set over, unto ASSIGNEE, its successors and assigns, for the territory of the United States of America and for all foreign countries, all of ASSIGNOR'S right, title and interest in and to the aforesaid invention, as well as any improvement thereof, and in and to any and all applications for letters patents which have been, or hereafter may be, filed on said invention or any said improvement, including any and all divisional, renewal, substitute, continuation and continuation-in-part application, together with the right to claim priority accruing from said applications, and in and to all Letters Patent which may be granted on any said application(s) for said invention or any said improvement, all extension(s), reissue(s) and reexamination(s) thereof.

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And for said consideration, it is hereby covenanted and agreed that at the request and expense of ASSIGNEE, its successors and assigns, ASSIGNOR will execute any further papers and do such other acts and things as may be necessary and proper to permit ASSIGNEE, its successors and assigns, to procure Letters Patent for said invention in the United States and in such foreign countries as ASSIGNEE, its successors and assigns may elect, and vest the full title thereto in ASSIGNEE, its successors and assigns.

IN WITNESS WHEREOF, this assignment has been executed on the day and month indicated below.

Signature

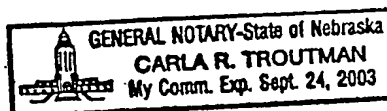
2/8/2001
Date


ALEXANDER V. KABANOV

CITY OF
COUNTRY OF

Before me, the undersigned, a notary public, in and for the county aforesaid, on this
8th day of February, 2001 personally appeared ALEXANDER V. KABANOV to me
known to be the persons described in and who executed the foregoing instrument and who acknowledged that
they executed the same as their free act and deed and desired the same to be recorded as such.

Carla R. Troutman
Notary Public



Application for United States Letter Patent Serial Number
09/445,656, filed December 10, 1999.

DANN, DORFMAN, HERRELL AND SKILLMAN

New
to be sent

ASSIGNMENT

WHEREAS, Adi EISENBERG, hereinafter referred to as ASSIGNOR, is a named co-inventor of an invention entitled: **COMPOSITIONS FOR DELIVERY OF BIOLOGICAL AGENTS AND METHODS FOR THE PREPARATION THEREOF**, described and claimed in U.S. Application No. 09/445,656 for Letters Patent of the United States signed by ASSIGNOR and dated the 23rd day of March, 2000.

WHEREAS, McGill University, an institution organized and existing under and by virtue of the laws of Quebec, having a place of business at 3550 University Street, Montreal, Quebec, H3A2A7 CANADA, hereinafter referred to as ASSIGNEE, is desirous of acquiring all of ASSIGNOR'S rights in and to said invention and any and all applications for Letters Patent for said invention and any and all letters Patent of the United States and all foreign countries which may be issued therefor;

NOW THEREFORE THIS IS TO WITNESS that in consideration of the sum of One Dollar (\$1.00) paid to ASSIGNOR by ASSIGNEE, the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR has sold, assigned and set over and hereby does sell, assign and set over, unto ASSIGNEE, its successors and assigns, for the territory of the United States of America and for all foreign countries, all of ASSIGNOR'S right, title and interest in and to the aforesaid invention, as well as any improvement thereof, and in and to any and all applications for letters patents which have been, or hereafter may be, filed on said invention or any said improvement, including any and all divisional, renewal, substitute, continuation and continuation-in-part application, together with the right to claim priority accruing from said applications, and in and to all Letters Patent which may be granted on any said application(s) for said invention or any said improvement, all extension(s), reissue(s) and reexamination(s) thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

And ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States to ASSIGNEE, its successors and assigns, as the owner of all of ASSIGNOR'S right, title and interest therein.

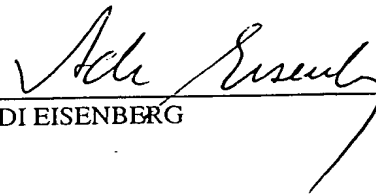
And for said consideration, it is hereby covenanted and agreed that at the request and expense of ASSIGNEE, its successors and assigns, ASSIGNOR will execute any further papers and do such other acts and things as may be necessary and proper to permit ASSIGNEE, its successors and assigns, to procure Letters Patent for said invention in the United States and in such foreign countries as ASSIGNEE, its successors and assigns may elect, and vest the full title thereto in ASSIGNEE, its successors and assigns.

IN WITNESS WHEREOF, this assignment has been executed on the day and month indicated below.

Signature

March 23 00

Date


ADI EISENBERG

To The Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Victor A. Kabanov
Alexander V. Kabanov
Adi Eisenberg

Additional name(s) of conveying party(ies) attached? () YES (X) NO

3. Nature of Conveyance:

(X) Assignment () Merger
() Security Agreement () Change of Name
() Other:

Execution Date: July 3, 2000, February 8, 2001 and March 23, 2000, respectively

2. Name and address of receiving party(ies):

The Moscow State University
Department of Polymer Science, School of Chemistry
MV Lomonosov Leniskiegory V-234
Moscow, Russian Federation

The University of Nebraska Board of Regents
3835 Holdrege Street
Lincoln, Nebraska 68598

McGill University
3550 University Street
Montreal, Quebec H3A-2A7
Canada

Additional name(s) & address attached? () YES (X) NO

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/445,656

B. Patent No.(s)

Additional numbers attached? () YES (X) NO

5. Name and address of party to whom correspondence concerning documents should be mailed:

Patrick J. Hagan, Esq.
Dann Dorfman Herrell & Skillman, P.C.
1601 Market Street, Suite 720
Philadelphia, PA 19103

Telephone: (215) 563-4100
Facsimile: (215) 563-4044

Our File No. 0685-UNMC-63117AUS

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. §3.41): \$40.00

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8. In the event the check enclosed is improper, or the fee calculation is in error, the Commissioner is authorized to charge any underpayment or credit any overpayment to the account of the undersigned attorneys. A duplicate copy of this sheet is enclosed.

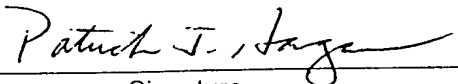
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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Patrick J. Hagan, Reg. No. 27,643
Name of Person Signing/Reg. No.


Signature

May 31, 2001
Date

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